

**From:** [Noesen, Matt/SEA](#)  
**To:** [Schruhl, Derek](#)  
**Subject:** Injecting new water into the aquifer  
**Date:** Monday, August 6, 2018 10:34:00 AM

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Hi Derek, we met back in 2016 regarding this project.  
We have learned much more about the subsurface conditions since the last time we met.  
I was wondering if you had some time to discuss our findings over the phone.  
Would tomorrow morning (Tuesday) work at 8:30 am?

Matt

Matt Noesen, P.E.\*, PMP | Jacobs | 360.688.7486 | [Matt.Noesen@jacobs.com](mailto:Matt.Noesen@jacobs.com) | [www.jacobs.com](http://www.jacobs.com)  
\* Registrations in CA, NC, OR, SC & WA

Background:

#### Deep Well Injection

If the treated effluent is discharged directly into an aquifer that is isolated from surface waters, then the project could be permitted by rule through the EPA's Underground Injection Control (UIC) as a Class V Well for Injection of Non-Hazardous Fluids into or Above Underground Sources of Drinking Water (<https://www.epa.gov/uic/class-v-wells-injection-non-hazardous-fluids-or-above-underground-sources-drinking-water>). This UIC well classification also encompasses aquifer storage and recovery (ASR) wells. If the water remains in the aquifer, then it would become "new water" and no additional permitting is anticipated, although coordination with the Washington Department of Health (DOH) is anticipated. If the water is recaptured by the Tribe's existing drinking water well, then increased involvement by DOH officials is anticipated to demonstrate that sufficient reliability and redundancy is being provided to protect public health.

-----Original Message-----

From: Jerry Lamb <[jlamb@snoqualmtribe.us](mailto:jlamb@snoqualmtribe.us)>  
Sent: Friday, September 23, 2016 11:47 AM  
To: Noesen, Matt/SEA <[Matt.Noesen@CH2M.com](mailto:Matt.Noesen@CH2M.com)>  
Cc: Jaime Martin <[jaime.martin@snoqualmtribe.us](mailto:jaime.martin@snoqualmtribe.us)>  
Subject: Re: Review WWTP project with EPA UIC staff and IHS [EXTERNAL]

Thanks Matt.  
Jerry

> On Sep 23, 2016, at 11:36 AM, "Matt.Noesen@CH2M.com" <[Matt.Noesen@CH2M.com](mailto:Matt.Noesen@CH2M.com)> wrote:  
>  
> Jerry & Jaime, we are all set to meet in EPA's offices next Thursday.  
>  
> 1200 Sixth Avenue  
> Seattle, WA 98101  
>  
> We will be meeting with Derek Schruhl from the EPA Region 10 and Richard Moore from Indian Health Services.  
>  
> Peter Contreras, Derek's supervisor, may also stop in.

>  
> I will meet you there. Derek will meet us in the first floor lobby at 10:30 am.  
>  
> There should be some parking either underneath the EPA building.  
> Another close by option would be the Washington State Convention Center Garage at 1412 8th Ave.  
>  
> We will talk more between now and then.  
> Matt  
>  
> <meeting.ics>

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